

Sheet 1 of 1

FORM PTO-1449 (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 22227-05479	Serial No. 09/848,982		
<b>INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small>		Applicant Ted E. Dunning et al.					
		Filing Date May 3, 2001		Group Art Unit 2644			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No
<i>LW</i>	A	EP 1 050 833	11/08/00	EP	<i>GD6F</i>	<i>17/60</i>	Yes
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>LW</i>	B	Jones, Karen S. and Willett, Peter, "Reading In Information Retrieval," Morgan Kaufmann Publishers, Inc., 1997, pp. 25-110, 205-246, 257-412, 440-445, 469-502, 527-533					
<i>L</i>	C	Salton, Gerard and McGill, Michael J., "Introduction to Modern Information Retrieval," Computer Science Series, McGraw-Hill, Inc., 1983, pp. 1-23, 52-156, 199-302, 354-435					
<i>L</i>	D	van Rijsbergen, C. J., "Information Retrieval," [online], 1979 [retrieved on 2001-08-24] Retrieved from the Internet <URL: <a href="http://www.dcs.gla.ac.uk/Keith/Preface.html">http://www.dcs.gla.ac.uk/Keith/Preface.html</a> >					
<i>L</i>	E	Witten, I. H. and Frank, Eibe, "Data Mining Practical Machine Learning Tools and Techniques with Java Implementations," Academic Press, 2000, pp. 57-76					
EXAMINER		DATE CONSIDERED <i>9/19/02</i>					
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.							
Include copy of this form with next communication to applicant							

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449  
REV: 02/01

**DATE CONSIDERED**

22227/05479/DOCS/1202407.1



Sheet 1 of 1

<b>FORM PTO-1449</b> (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Attorney's Docket No. 22227-05479	Serial No. 09/848,982
				Applicant Ted. E. Dunning & Bradley D. Kindig	
				Filing Date May 3, 2001	Group Art Unit 2644

### U.S. PATENT DOCUMENTS

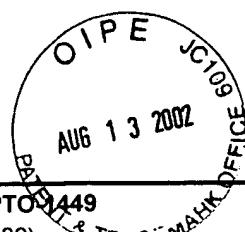
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Ln	A	US 6,272,495 B1	08/07/01	Hetherington	707	101	04/22/98
Ln	B	US 6,185,560 B1	02/06/01	Young et al.	707	6	
Ln	C	6,131,082	10/10/00	Hargrave, III et al.	704	7	
Ln	D	6,105,022	08/15/00	Takahashi et al.	707	3	
Ln	E	5,678,054	10/14/97	Shibata	707	395	794 532
Ln	F	5,497,488	03/05/96	Akizawa et al.	707	398	600 6
Ln	G	5,392,212	02/21/95	Geist	707	364	419.11 532
Ln	H	5,303,150	04/12/94	Kameda	704	364	419.08 9
Ln	I	5,241,674	08/31/93	Kuorsawa et al.	707	395	600 6
Ln	J	3,568,156	03/02/71	Thompson	340	172.5	

### U.S. Publication DOCUMENTS

		Patent Application Publication Number	Publication Date	Applicant	Filing Date	Application No.	
Ln	K	US 2002/0010714 A1	01/24/02	Hetherington	07/03/01	09/898,948	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	<i>Costs</i>	DATE CONSIDERED	<i>7/19/02</i>
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.			
Include copy of this form with next communication to applicant.			



FORM PTO-1449 (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 22227-05479		Serial No. 09/848,982	
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				Applicant Ted E. Dunning et al.			
				Filing Date May 3, 2001		Group Art Unit 2644	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name		Class	Subclass
							Filing Date If Appropriate
<b>RECEIVED</b>							
AUG 19 2002							
Technology Center 21							
<b>U.S. Publication DOCUMENTS</b>							
	Patent Application Publication Number	Publication Date	Applicant		Filing Date	Application No.	
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country		Class	Subclass	Translation
							Yes
							No
<i>LW</i>	A	EP 1 050 833 A2	11/08/00	EP		<i>Go6F</i>	<i>17/60</i>
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>LW</i>	B	Agosti, M., Gradenigo, G., Marchetti, P.G., "A Hypertext Environment for Interacting with Large Textual Databases," pp. 469-477					
<i>LW</i>	C	Belkin, N. J., Oddy, R.N., Brooks, H. M., "The Journal of Documentation", Volume 38, Number 2, June 1982, pp. 299-304					
<i>LW</i>	D	de Marcken, Carl, "The Unsupervised Acquisition of a Lexicon from Continuous Speech," Massachusetts Institute of Technology Artificial Intelligence Laboratory; Center for Biological and Computational Learning, Department of Brain and Cognitive Sciences, A.I. Memo No. 1558 and C.B.C.L. Memo No. 129, November 2001, pp. 1-27					

O I P E JC109  
AUG 13 2002  
PATENT & TRADEMARK OFFICE

RECEIVED

AUG 19 2002

Technology Center 2100 Sheet 2 of 2

LW	E	Griffiths, Alan, Luckhurst, H. Claire and Willett, Peter, "Using Interdocument Similarity Information in Document Retrieval Systems, pp. 365-373
	F	Hull, David A. and Grefenstette, Gregory, "Querying Across Languages: A Dictionary-Based Approach to Multilingual Information Retrieval," pp. 484-492
	G	Jones, K. Sparck, Jones, G.J.F., Foote, J.T. and Young, S.J., "Experiments in Spoken Document Retrieval," pp. 493-502
	H	Jones, Karen Sparck, "Search Term Relevance Weighting Given Little Relevance Information," revised version received January 14, 1979, pp. 329-338
	I	Keen, E. Michael, "Presenting Results of Experimental Retrieval Comparisons," Department of Information & Library Studies, University College of Wales, Aberystwyth, SY23 3AS, U.K., pp. 217-222
	J	Lancaster, F.W., "MEDLARS: Report on the Evaluation of Its Operating Efficiency," pp. 223-246
	K	McCune, Brian P., Tong, Richard M., Dean, Jeffrey S. and Shapiro, Daniel G., "RUBRIC: A System for Rule-Based Information Retrieval," pp 440-445
	L	"Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <URL: <a href="http://ccrma-www.stanford.edu/~unjung/mylec/mfcc.html">http://ccrma-www.stanford.edu/~unjung/mylec/mfcc.html</a> >, pp. 1-3
	M	Rau, Lisa F., "Conceptual Information Extraction and Retrieval from Natural Language Input," Artificial Intelligence Program GE Research and Development Center, Schenectady, NY 12301, pp. 527-533
	N	Robertson, S.E., "The Probability Ranking Principle in IR," pp. 281-286
	O	Robertson, S.E. and Walker, S, "Some Simple Effective Approximations to the 2-Poisson Model for Probabilistic Weighted Retrieval," pp. 345-354
	P	Salton, G and McGill, M.J., "The SMART and SIRE Experimental Retrieval Systems," pp. 381-399
	Q	Salton, G., Wong, A. and Yang, C.S., "A Vector Space Model for Automatic Indexing," revised March 1975, pp. 273-280
	R	Salton, Gerard, Allan, James, Buckley, Singhal, Amit, "Automatic Analysis, Theme Generation, and Summarization of Machine-Readable Texts," pp. 478-483
	S	Salton, Gerard and Buckley, Christopher, "Term-Weighting Approaches in Automatic Text Retrieval," accepted in final form January 26, 1988, pp. 323-328
	T	Strzalkowski, Tomek, "Robust Text Processing in Automated Information Retrieval," pp. 317-322
	U	Tague-Sutcliffe, Jean, "The Pragmatics of Information Retrieval Experimentation, Revisited," pp. 205-222

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

PTO-1449  
REV: 02/01

22227/05479/DOCS/1289653.1